

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for CAFFEIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Achillea millefolium</i>	Plant				--
<i>Aconitum napellus</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Actaea cimicifuga</i>	Rhizome				--
<i>Actaea dahurica</i>	Rhizome				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Adonis vernalis</i>	Plant				--
<i>Agrimonia eupatoria</i>	Plant				--
<i>Albizia lebbeck</i>	Leaf				Wealth of India.
<i>Allium ampeloprasum</i>	Plant				--
<i>Allium sativum</i> var. <i>sativum</i>	Bulb	10.0	20.0		--
<i>Allium cepa</i>	Root				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
<i>Allium cepa</i>	Bulb				--
<i>Allium cepa</i>	Leaf				Das, V. S. R., Rao, J. V. S. 1964. Phenolic Acids of Onion Plant. Curr. Sci., 33(15): 471-472.
<i>Allium schoenoprasum</i>	Leaf		0.5	-0.715857836754432	--
<i>Althaea officinalis</i>	Root				--
<i>Althaea officinalis</i>	Leaf				--
<i>Althaea officinalis</i>	Flower				--
<i>Ananas comosus</i>	Fruit				Wealth of India.
<i>Anethum graveolens</i>	Fruit				--
<i>Anethum graveolens</i>	Leaf		1140.0	-0.5577746068901522	--
<i>Anethum graveolens</i>	Seed				--
<i>Angelica archangelica</i>	Plant				Pakistan Encyclopedia Planta Medica. 1986.
<i>Annona muricata</i>	Plant				--
<i>Apium graveolens</i>	Leaf				--
<i>Apium graveolens</i>	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Apium graveolens</i>	Seed				Wealth of India.
<i>Arachis hypogaea</i>	Seed		11.0	-0.7603797516688712	--
<i>Arctium lappa</i>	Root		2500.0	0.16650294770473825	--
<i>Arctostaphylos uva-ursi</i>	Leaf				--
<i>Arctostaphylos uva-ursi</i>	Plant				--
<i>Armoracia rusticana</i>	Plant				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. <i>Herbal Medicine - A Guide for Health-care Professionals</i> . The Pharmaceutical Press, London. 296pp.
<i>Arnica montana</i>	Flower				--
<i>Artemisia dracunculus</i>	Shoot				--
<i>Artemisia dracunculus</i>	Leaf		7640.0	0.34397264551688544	--
<i>Artemisia capillaris</i>	Plant				--
<i>Artemisia abrotanum</i>	Plant				--
<i>Asimina triloba</i>	Leaf				--
<i>Aspalathus linearis</i>	Shoot		0.66	-0.703465468886938	--
<i>Astragalus membranaceus</i>	Root				Leung, A. Y. and Foster, S. 1995. <i>Encyclopedia of Common Natural Ingredients</i> 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Avena sativa</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Ballota nigra</i>	Leaf		2000.0	-0.43846650887937494	--
<i>Berberis vulgaris</i>	Plant				--
<i>Berberis vulgaris</i>	Fruit				Jim Duke's personal files.
<i>Beta vulgaris</i>	Leaf				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Brassica oleracea</i> var. <i>italica</i>	Leaf		8.0	-0.7148173591555008	--
<i>Brassica pekinensis</i>	Leaf		11.0	-0.7144011681159284	--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Leaf		8.0	-0.7148173591555008	--
<i>Brassica oleracea</i> var. <i>capitata</i> l.	Leaf	0.5	77.0	-0.7052449652453338	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Brassica nigra</i>	Seed				Jim Duke's personal files.
<i>Brassica oleracea</i> var. <i>gemmifera</i>	Leaf		34.0	-0.7112103701458726	--
<i>Calendula officinalis</i>	Plant				--
<i>Camellia sinensis</i>	Plant				--
<i>Capsicum annuum</i>	Fruit		11.0	-0.3368770543074836	--
<i>Capsicum frutescens</i>	Fruit		32.0	-0.3329891212786086	--
<i>Carica papaya</i>	Leaf				Jim Duke's personal files.
<i>Carum carvi</i>	Seed		2840.0	1.9446682932160153	--
<i>Castanea sativa</i>	Leaf				--
<i>Catalpa bignonioides</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Ceiba pentandra</i>	Leaf				--
<i>Centaurea cyanus</i>	Shoot				Jim Duke's personal files.
<i>Centaurea cyanus</i>	Flower				Jim Duke's personal files.
<i>Centaurium erythraea</i>	Plant				--
<i>Chamaemelum nobile</i>	Plant				--
<i>Cichorium intybus</i>	Leaf		767.0	-0.6095210261436637	--
<i>Cichorium endivia</i>	Leaf				--
<i>Cichorium intybus</i>	Shoot				--
<i>Cimicifuga dahurica</i>	Rhizome				--
<i>Cinchona pubescens</i>	Leaf				--
<i>Cinchona pubescens</i>	Bark				--
<i>Cinchona</i> spp	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Cinnamomum camphora</i>	Plant				--
<i>Cinnamomum verum</i>	Bark		6.0		--
<i>Citrullus colocynthis</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Citrullus lanatus</i>	Seed				--
<i>Citrus sinensis</i>	Fruit Juice				Jim Duke's personal files.
<i>Citrus sinensis</i>	Fruit	2.0	50.0	-0.3296566072538586	--
<i>Citrus limon</i>	Fruit	21.0	35.0	-0.3324337022744836	--
<i>Citrus paradisi</i>	Fruit	40.0	51.0	-0.3294714675858169	--
<i>Clematis vitalba</i>	Plant				--
<i>Cnicus benedictus</i>	Plant				Jim Duke's personal files.
<i>Coccinia grandis</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Coffea arabica</i>	Fruit				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
<i>Coffea arabica</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Cola acuminata</i>	Plant				--
<i>Coleus barbatus</i>	Root		42.9	-0.8784223898990208	Jim Duke's personal files.
<i>Conium maculatum</i>	Plant				--
<i>Convallaria majalis</i>	Plant				--
<i>Conyzza canadensis</i>	Plant				--
<i>Coriandrum sativum</i>	Shoot				--
<i>Coriandrum sativum</i>	Leaf				--
<i>Coriandrum sativum</i>	Fruit		770.0	-0.1963560462638582	--
<i>Corylus americana</i>	Seed				Senter, S. D., Horvat, R. J., Forbus, W. R. 1983. Comparative GLC-MS Analysis of Phenolic Acids of Selected Tree Nuts. <i>J. Food Science</i> , 48(3): 798-799.
<i>Crataegus rhipidophylla</i>	Bud				--
<i>Crataegus laevigata</i>	Flower				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Crataegus rhipidophylla</i>	Flower				--
<i>Crataegus laevigata</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Crataegus laevigata</i>	Bud				--
<i>Crataegus rhipidophylla</i>	Shoot				--
<i>Crataegus rhipidophylla</i>	Inflorescence				--
<i>Crataegus laevigata</i>	Leaf				--
<i>Crataegus laevigata</i>	Shoot				--
<i>Crataegus rhipidophylla</i>	Leaf				--
<i>Crataegus monogyna</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Cucumis sativus</i>	Fruit				--
<i>Cucumis melo</i>	Plant				Stitt, Paul. Why George should eat broccoli.
<i>Cucurbita pepo</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Curcuma longa</i>	Rhizome		5.0		--
<i>Cyamopsis tetragonoloba</i>	Seed				Kaushal, G. P., Bhatia, I. S. 1982. A Study of Polyphenols in the Seeds and Leaves of Guar ( <i>Cyamopsis tetragonoloba</i> L. Taub). J Sci Food Agr, 33: 461-470.
<i>Cynara cardunculus</i>	Flower				--
<i>Cynara cardunculus</i>	Leaf				Jim Duke's personal files.
<i>Datura stramonium</i>	Plant				--
<i>Daucus carota</i>	Root				--
<i>Digitalis purpurea</i>	Leaf				--
<i>Dipsacus fullonum</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Dodonaea viscosa</i>	Plant				--
<i>Echinacea spp</i>	Plant				--
<i>Elaeagnus angustifolia</i>	Fruit				Kusova, R. D., Kazakov, A. L., Luk'yanchikov, M. S. 1988. Phenolic Compounds From Fruit of <i>Elaeagnus angustifolia</i> . Chem. Nat. Comp. 24 3: 392-393. Pyatigorsk Farm Inst Pyatigorsk USSR.
<i>Elaeagnus angustifolia</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Elettaria cardamomum</i>	Fruit		2.0	-0.3385433113198586	--
<i>Eleutherococcus senticosus</i>	Root				--
<i>Equisetum arvense</i>	Shoot				Jim Duke's personal files.
<i>Equisetum hyemale</i>	Plant				--
<i>Equisetum arvense</i>	Plant		8000.0	0.1792870276679914	--
<i>Eriobotrya japonica</i>	Plant				--
<i>Erythroxylum coca</i>	Leaf				--
<i>Eucalyptus globulus</i>	Leaf				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Euphorbia hirta</i>	Plant				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. l'ORSTROM, Paris. 569 pp.
<i>Euphorbia pulcherrima</i>	Plant				--
<i>Euphrasia officinalis</i>	Shoot		6000.0	1.7085918936663076	Jim Duke's personal files.
<i>Euphrasia officinalis</i>	Plant		11500.0	0.732750509786938	Tyler, V.E.. 1982. The Honest Herbal. George F. Stickley Co., Philadelphia PA. 263 pp.
<i>Fagopyrum esculentum</i>	Plant				--
<i>Ficus carica</i>	Plant				--
<i>Foeniculum vulgare</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Foeniculum vulgare</i>	Seed	0.5	225.0	-0.5557561102389081	--
<i>Fragaria spp</i>	Fruit	15.0	34.0	-0.3326188419425253	Jim Duke's personal files.
<i>Gaultheria procumbens</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Gentiana lutea</i>	Root				--
<i>Glechoma hederacea</i>	Plant				--
<i>Glycine max</i>	Seed	1.0	4.0	-0.7670730483511597	--
<i>Harpagophytum procumbens</i>	Root				--
<i>Helianthus annuus</i>	Seed	1600.0	1800.0	0.9502356432760076	--
<i>Helianthus annuus</i>	Pollen Or Spore		4.0		--
<i>Helichrysum angustifolium</i>	Plant				--
<i>Hordeum vulgare</i>	Seed				--
<i>Hordeum vulgare</i>	Fruit				--
<i>Humulus lupulus</i>	Plant				--
<i>Hypericum perforatum</i>	Plant		1000.0	-0.927639936569902	--
<i>Hypericum perforatum</i>	Shoot		1000.0	-0.30167703804388507	--
<i>Hyssopus officinalis</i>	Plant				Jim Duke's personal files.
<i>Inonotus obliquus</i>	Plant				--
<i>Ipomoea purga</i>	Tuber	30000.0	40000.0	1.0	--
<i>Ipomoea batatas</i>	Root				--
<i>Juglans regia</i>	Testa	15.0	115.0		--
<i>Juglans regia</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Juglans nigra</i>	Seed				--
<i>Juglans regia</i>	Seed	1.0	6.0	-0.7651606778705059	--
<i>Juniperus communis</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Juniperus communis</i>	Leaf				--
<i>Kalanchoe pinnata</i>	Plant				--
<i>Lactuca sativa</i>	Plant				--
<i>Laurus nobilis</i>	Fruit				--
<i>Laurus nobilis</i>	Leaf				--
<i>Levisticum officinale</i>	Root				Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.
<i>Ligustrum japonicum</i>	Flower				--
<i>Lycopersicon esculentum</i>	Fruit		6.0	-0.33780275264769194	--
<i>Lycopodium clavatum</i>	Plant				Bisset, N.G., ed. 1994. <i>Herbal Drugs and Phytopharmaceuticals</i> . CRC Press. Boca Raton, FL. 566 pp.
<i>Lycopus virginicus</i>	Plant				Williamson, E. M. and Evans, F. J., <i>Potter's New Cyclopaedia of Botanical Drugs and Preparations</i> , Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp. 1988, reprint 1989.
<i>Lycopus europaeus</i>	Plant				List, P.H. and Horhammer, L., <i>Hager's Handbuch der Pharmazeutischen Praxis</i> , Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Magnolia officinalis</i>	Plant				--
<i>Magnolia kobus</i>	Plant				--
<i>Malus domestica</i>	Fruit Juice				--
<i>Malus domestica</i>	Fruit	85.0	1270.0	-0.10378621224302456	--
<i>Marrubium vulgare</i>	Plant				--
<i>Matricaria recutita</i>	Plant				Kameoka, H. and Nakai, K. 1987. Components of essential oil from the root of <i>Glycyrrhiza-glabra</i> . <i>Nippon Gogeikagaku Kaishi</i> 61(9): 1119-1122.
<i>Medicago sativa</i>	Tissue Culture				--
<i>Melia azedarach</i>	Plant				--
<i>Melilotus officinalis</i>	Shoot				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Melilotus officinalis</i>	Plant				Pharmazie, 46: 156, 1991.
<i>Melissa officinalis</i>	Plant		2100.0	-0.75369427076109	--
<i>Mentha x piperita</i>	Shoot				--
<i>Mentha x rotundifolia</i>	Shoot				Jim Duke's personal files.
<i>Menyanthes trifoliata</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Moringa oleifera</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Morus alba</i>	Plant				--
<i>Myristica fragrans</i>	Plant		16.0	-1.0832422412570573	--
<i>Nicotiana tabacum</i>	Leaf				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Ocimum basilicum</i>	Tissue Culture				--
<i>Ocimum basilicum</i>	Leaf		19100.0	1.933822416683755	--
<i>Oenothera biennis</i>	Leaf				--
<i>Olea europaea</i>	Fruit				--
<i>Origanum majorana</i>	Leaf		14100.0	1.2401706840629567	--
<i>Origanum vulgare</i>	Plant		6000.0	-0.13697781925712094	--
<i>Origanum vulgare</i>	Shoot				--
<i>Origanum majorana</i>	Shoot				--
<i>Origanum vulgare</i>	Leaf	106.0	1060.0	-0.568873034612085	--
<i>Origanum majorana</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Panax ginseng</i>	Root				--
<i>Papaver somniferum</i>	Pericarp				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Papaver somniferum	Leaf				Jeffery B. Harborne and H. Baxter, eds. 1983. Phytochemical Dictionary. A Handbook of Bioactive Compounds from Plants. Taylor & Frost, London. 791 pp.
Perilla frutescens	Plant				J.S. Glasby Dict.PIs Containing 2ndary Metabolite. 1991.
Persea americana	Fruit				--
Petroselinum crispum	Stem				--
Peucedanum ostruthium	Root				--
Phaseolus vulgaris	Leaf				--
Phaseolus vulgaris	Shoot				--
Phaseolus vulgaris	Fruit				--
Pimpinella anisum	Seed		2060.0	1.1988438057610096	--
Pimpinella anisum	Plant				--
Pinus sylvestris	Leaf				--
Piper nigrum	Fruit		6.0	-0.33780275264769194	--
Pisum sativum	Plant				--
Plantago major	Plant				--
Polypodium vulgare	Rhizome				--
Populus balsamifera	Essential Oil				--
Portulaca oleracea	Plant				--
Prunus serotina	Plant				--
Prunus persica	Leaf				--
Prunus domestica	Plant				--
Prunus laurocerasus	Plant				--
Prunus cerasus	Plant				--
Prunus spinosa	Plant				--
Prunus dulcis	Plant				--
Prunus armeniaca	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Pteridium aquilinum</i>	Plant				--
<i>Punica granatum</i>	Fruit Juice				--
<i>Punica granatum</i>	Plant				--
<i>Punica granatum</i>	Leaf				--
<i>Pyrus communis</i>	Fruit	43.0	19700.0	3.3083378697649026	--
<i>Raphanus sativus</i>	Root		91.0	-0.8579670121208511	--
<i>Rheum officinale</i>	Root				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Rheum rhabarbarum</i>	Pt		8.0		--
<i>Rhododendron ponticum</i>	Plant				--
<i>Ribes nigrum</i>	Fruit				--
<i>Rosa canina</i>	Tissue Culture				--
<i>Rosa canina</i>	Stem				--
<i>Rosmarinus officinalis</i>	Shoot				--
<i>Rosmarinus officinalis</i>	Plant				Leung, A.Y., Encyclopedia of Common Natural Ingredients Used in Food, Drugs, and Cosmetics, John Wiley & Sons, New York, 1980.
<i>Rubus idaeus</i>	Plant				--
<i>Rubus idaeus</i>	Fruit				Phenolic Compounds in Food and Their Effects on Health, Antioxidants & Cancer Prevention. Huang, M.T., Ho, C.T. and Lee, C.Y. eds. 1992. ACS Symposium Series 507. ACS, Washington 402 pp.
<i>Salvia</i> sp.	Seed		306.0	-0.47830510577242674	Phenolic Compounds in Food and Their Effects on Health, 67.
<i>Salvia officinalis</i>	Shoot				--
<i>Salvia officinalis</i>	Inflorescence				--
<i>Sambucus simpsonii</i>	Flower				Grenand, P., Moretti, C., and Jacquemin, H. 1987. Pharmacopees Traditionnelles en Guyane. IORSTROM, Paris. 569 pp.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Sambucus nigra</i>	Plant				--
<i>Sanguisorba minor</i>	Plant				--
<i>Santolina chamaecyparissus</i>	Plant				--
<i>Satureja montana</i>	Shoot				--
<i>Scopolia carniolica</i>	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Senna obtusifolia</i>	Seed				--
<i>Sesamum indicum</i>	Leaf				--
<i>Sesamum indicum</i>	Fruit				--
<i>Solanum tuberosum</i>	Tuber	18.0	1400.0	-1.0	--
<i>Solanum tuberosum</i>	Tuber Epidermis				--
<i>Solanum torvum</i>	Plant				--
<i>Solanum tuberosum</i>	Flower				--
<i>Solanum melongena</i>	Fruit				--
<i>Solanum tuberosum</i>	Root Bark				--
<i>Solidago gigantea</i>	Plant		21980.0	2.3899783076745265	--
<i>Solidago virgaurea</i>	Flower				--
<i>Sophora japonica</i>	Plant				--
<i>Sorbus aucubaria</i>	Fruit				--
<i>Spartium junceum</i>	Plant				--
<i>Spinacia oleracea</i>	Shoot				--
<i>Spinacia oleracea</i>	Leaf				--
<i>Stachys officinalis</i>	Plant		5000.0	-0.2951102427196771	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Stachys officinalis</i>	Shoot				--
<i>Stellaria media</i>	Shoot				--
<i>Symphytum officinale</i>	Root				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Tagetes patula</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Tanacetum vulgare</i>	Plant				--
<i>Taraxacum officinale</i>	Plant				--
<i>Taraxacum officinale</i>	Flower				--
<i>Taxus baccata</i>	Leaf	0.9	4.7	-0.7152751692990306	--
<i>Tecoma stans</i>	Plant				--
<i>Teucrium scorodonia</i>	Leaf		20000.0	2.0586797285554987	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Teucrium chamaedrys</i>	Plant				Abstract (See species file)
<i>Theobroma cacao</i>	Seed				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Thymus vulgaris</i>	Leaf		16900.0	1.6286156543306036	--
<i>Thymus serpyllum</i>	Plant		6200.0	-0.10535133456460971	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Tilia sp.</i>	Flower				--
<i>Trifolium pratense</i>	Flower				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Trifolium pratense</i>	Leaf				--
<i>Triticum aestivum</i>	Seed	3.0	4.0	-0.7670730483511597	--
<i>Urtica dioica</i>	Plant				--
<i>Urtica dioica</i>	Leaf				Jim Duke's personal files.
<i>Vaccinium myrtillus</i>	Fruit Juice				--
<i>Vaccinium myrtillus</i>	Leaf		40.0	-0.7103779880667277	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Vaccinium myrtillus</i>	Fruit				--
<i>Vaccinium corymbosum</i>	Plant				--
<i>Vaccinium vitis-idaea</i>	Leaf				--
<i>Valeriana officinalis</i>	Root		5800.0	1.5698864543151345	--
<i>Valeriana officinalis</i>	Plant				--
<i>Verbena officinalis</i>	Leaf		10000.0	0.6713762633139022	--
<i>Viburnum opulus</i>	Branches				--
<i>Vicia faba</i>	Plant				--
<i>Viscum album</i>	Plant				--
<i>Vitis vinifera</i>	Fruit				--
<i>Vitis vinifera</i>	Root				--
<i>Vitis vinifera</i>	Leaf				--
<i>Zea mays</i>	Sprout Seedling				--
<i>Zea mays</i>	Shoot		0.7	-0.7034493867354843	--
<i>Zingiber officinale</i>	Rhizome				--